Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal	Left	4.63	11/06/2018 11/06/2018	Bob Duffey

LM Start		Rating **	Α	Issue No.		10	
LM End		Issue Type +	Ma	Location *		N/A	
Category Earthen Levee			GPS La	atitud	e/Longitude		
Calegory				Start		End	
Item	Operation	nce		0		0	
item	Manuals					0	
DWR ID	DWR ID DWR_ST0010_01_s _ 2013_10						
		Comn	nent Cod	de			
		Inspecto	or Comm	nent			
The LMA has the O&M manuals.							

No Photos

LM Start		Rating **	Α	issue No.		11		
LM End		Issue Type +	Ma	Location *		N/A		
Category Earthen Levee			GPS La	atituc	de/Longitude			
Calegory				Start		End		
ltom	Item Emergency Supplies & Equipment				0		0	
пеш					0		0	
DWR ID DWR_ST0010_01_s _ 2013_11								
		Comn	nent Coo	de				
Inspector Comment								
The LMA has flood fight supplies and equipment.								

No Photos

LM Start		Rating **	Α	Issue No.		12	
LM End		Issue Type +	Ma	Location *		N/A	
Category Earthen Levee				GPS La	atituc	de/Longitude	
Category		Start		End			
Item	Flood Pre	Training		0		0	
item			0		0		
DWR ID	DWR_ST00	010_01_s _ 201	3_12				
		Comn	nent Coo	le			
		Inspecto	or Comm	ent			
The LMA completed flood fight training in 2018.							

No Photos

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal	Left	4.63	11/06/2018 11/06/2018	Bob Duffey

LM Start	0.06	Rating **	A/W	Issue No.		20	
LM End	0.12	Issue Type +	Ma	Location *		WS	
Category	evee	GPS La	atitud	e/Longitude			
Calegory				Start		End	
Item	Erosion / I	39.1142	03°	39.114842°			
item				-121.7680	15°	-121.767382°	
DWR ID	DWR_ST00	010_01_f _ 2016	6_20				
		Comn	nent Cod	de			
E1 : Note a	and monito	r erosion site					
Inspector Comment							
Monitor the erosion along the waterside toe.							

Photo 1 of 1 : FA_2018_ST0010_42_20_20180905_00013.jpg

View of the erosion along the waterside toe.

LM Start	0.38	Rating **	A/W	Issue No.		19		
LM End	0.38	Issue Type +	Ma	Location *	WS			
Category Earthen Levee				GPS Latitude/Longitude				
				Start		End		
Item	Erosion /	Bank Caving		39.1179	10°	39.117910°		
пеш		-121.7644	97°	-121.764497°				
DWR ID	VR ID DWR_ST0010_01_f _ 2016_19							
	Commont Codo							

Comment Cod

E1: Note and monitor erosion site.

Inspector Comment

Monitor the erosion along the waterside toe.

Photo 1 of 1 : FA_2018_ST0010_42_19_20180905_00012.jpg



View of the erosion along the waterside toe.

LM Start	0.50	Rating **	U	Issue No.	No. 22		
LM End	0.50	Issue Type +	Ma	Location *	WS		
Earthen Levee				GPS Latitude/Longitude			
Category	Category			Start	Start End		
Item	Erosion /	Erosion / Bank Caving				39.119348 °	
пеш				-121.76312	0°	-121.763120 °	
DWR ID	DWR STO	010 01 f 2017	7 22				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Repair the beaver hole along the waterside berm.

Photo 1 of 1: FA_2018_ST0010_42_22_20180905_00014.jpg



View of the beaver hole along the waterside berm.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal	Left	4.63	11/06/2018 11/06/2018	Bob Duffey

LM Start	0.56	Rating **	М	Issue No.	18	
LM End	0.56	Issue Type +	Ma	Location *	WS	
Category Earthen Levee				GPS La	atitud	le/Longitude
				Start		End
Erosion / Bank Caving			39.119985°		39.119985°	
пеш	item			-121.762600 °		-121.762600 °
DWR ID	DWR_ST0	010_01_s _ 201	7_18			
		Comn	nent Cod	de		
E2 : Schedule repair of erosion site prior to the next inspection.						
		Inspecto	or Comm	nent		

Repair the erosion along the water side toe.



View of the erosion along the waterside toe caused by a tree that fell into the water.

LM Start	1.75	Rating **	М	Issue No.		7				
LM End	2.39	Issue Type +	Ма	Location *	WS					
Category Supplemental			GPS Latitude/Longitude							
			Start		End					
Item		CE Erosion S	Survey,	39.13388	7°	39.141757°				
пеш	DRAFT			-121.74952	6°	-121.742939°				
DWR ID	DWR_ST0010_01_f _ 2018_7									
		Comn	nent Coc	Comment Code						

2017 Site ID: WAC 2.1 L

Status: Eroding

2017 Field Notes: Minor new erosion observed.

Site History: 2011 - Whole bank is starting to unravel, with failure from

poor soils.

Inspector Comment

LM Start	1.76	Rating **	С	Issue No.		23	
LM End	1.76	Issue Type +	Ma	Location *		WS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory	egury					End	
Item	Animal Control			39.1339	78°	39.133978 °	
item			-121.7493	27°	-121.749327 °		
DWR ID DWR_ST0010_01_f _ 2017_23							
Comment Code							

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

The rodent holes were repaired along the waterside slope.

No Photos

No Photos

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal	Left	4.63	11/06/2018 11/06/2018	Bob Duffey

LM Start	1.85	Rating **	U	Issue No.		107	
LM End	1.85	Issue Type +	Ма	Location *		WS	
Category Earthen Levee				GPS La	atitud	e/Longitude	
				Start		End	
Item	Erosion / Bank Caving			39.1351	10°	39.135110°	
пеш				-121.7482	30°	-121.748230°	
DWR ID DWR_ST0010_01_f _ 2013_107							
	Comment Code						
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spec	ction.	
Inspector Comment							
Repair the erosion under the abandoned pump.							

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一个有色的"加入"。	10/23/2013
	7

Photo 1 of 3: FA_2018_ST0010_42_107_20180905_00017.jpg

View of the erosion along both sides of the abandoned pump.

LM Start 1.85 Rating ** U Issue No. 107 (cont) LM End 1.85 Issue Type + Ma Location * WS

Photo 2 of 3: FA_2018_ST0010_42_107_20180905_00018.jpg



View of the erosion along both sides of the abandoned pump.

LM Start	1.85	Rating **	U	Issue No.	107 (cont)
LM End	1.85	Issue Type +	Ma	Location *	WS



View of erosion along both sides of the abandoned pipe.

*Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

**Rating

A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiancy

C : Corrected Ob : Design & System Obsolescence

U : Unacceptable A/W : Acceptable but Monitor & Maintain

**Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal	Left	4.63	11/06/2018 11/06/2018	Bob Duffey

LM Start	1.85	Rating **	М	Issue No.		106
LM End	1.85	Issue Type +	Ма	Location *		WS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory	Salegory			Start		End
Item	Animal Control			39.1351	10°	39.135110°
item	item			-121.7482	29°	-121.748229°
DWR ID DWR_ST0010_01_f _ 2013_106						·
Comment Code						
					-	

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment



View of the rodent holes under the irrigation pipe.

LM Start	2.43	Rating **	М	Issue No.	6		
LM End	3.30	Issue Type +	Ma	Location *	WS		
Category			GPS Latitude/Longitude				
Calegory	y			Start		End	
Item	2017 USACE Erosion Survey,			39.1422	35°	39.153095°	
item	DRAFT			-121.7426	09°	-121.734390°	
DWR ID DWR_ST0010_01_f _ 2018_6							
Comment Code							

Inspector Comment

2017 Site ID: WAC 2.4 L

Status: Eroding

2017 Field Notes: Significant new erosion along lower bank.
Site History: 2010 - Over steepened levees, some slumping, reach-wide

problem. 2011 - Still a reach-wide problem.

LM Start	2.43	Rating **	М	Issue No.	6 (cont)
LM End	3.30	Issue Type +	Ma	Location *	WS

Photo 1 of 4: FA_2018_ST0010_42_6_20180905_00006.jpg



View of the erosion along the waterside toe.

Photo 2 of 4: FA_2018_ST0010_42_6_20180905_00007.jpg



View of the erosion along the waterside toe.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal	Left	4.63	11/06/2018 11/06/2018	Bob Duffey

LM Start	2.43	Rating **	М	Issue No.	6 (cont)		
LM End	3.30	Issue Type +	Ma	Location *	WS		
Supplemental				GPS La	tituc	le/Longitude	
Calegory	egory					End	
Item		CE Erosion S	Survey,	39.14223	35 °	39.153095°	
пеш	DRAFT			-121.74260)9°	-121.734390°	
DWR ID DWR_ST0010_01_f _ 2018_6							
	Comment Code						

Inspector Comment

2017 Site ID: WAC 2.4 L

Status: Eroding

2017 Field Notes: Significant new erosion along lower bank.

Site History: 2010 - Over steepened levees, some slumping, reach-wide

problem. 2011 - Still a reach-wide problem.

LM Start	2.43	Rating **	М	Issue No.	6 (cont)
LM End	3.30	Issue Type +	Ma	Location *	WS

Photo 3 of 4: FA_2018_ST0010_42_6_20180905_00008.jpg



View of the erosion along the waterside toe.

Photo 4 of 4: FA_2018_ST0010_42_6_20180905_00009.jpg



View of the erosion along the waterside toe.

LM Start	3.25	Rating **	Α	Issue No.		24
LM End	3.30	Issue Type +	Ма	Location *		WS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Category				Start		End
Item	Erosion / I	Bank Caving		39.1522	82°	39.152925 °
Item				-121.7345	80°	-121.734275 °
DWR ID	DWR_ST00	010_01_f _ 2018	8_24			
		Comn	nent Coo	de		
E1 : Note a	and monito	or erosion site	•			
		Inspecto	or Comm	nent		
The waterside channel was repaired by Sutter Maintenance Yard.						e Yard.
. ,						

Photo 1 of 1 : FA_2018_ST0010_42_24_20181106_00037.jpg



View of the repaired erosion along the waterside channel.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal	Left	4.63	11/06/2018 11/06/2018	Bob Duffey

LM Start	3.32	Rating **	М	Issue No.		25
LM End	4.60	Issue Type +	Ma	Location *	WS	
Supplemental				GPS Latitude/Longitude		
Calegory				Start		End
Item		CE Erosion S	Survey,	39.15329	96 °	39.170973
пеш	DRAFT			-121.73430)4°	-121.726852
DWR ID DWR_ST0010_01_f _ 2018_25						

Comment Code

Inspector Comment

2017 Site ID: WAC 4.4 L Status: Eroding New

2017 Field Notes: Significant lower bank erosion and overall slumping.

Site History:

LM Start	3.53	Rating **	A/VV	issue No.		3
LM End	3.56	Issue Type +	Ma	Location *		WS
Category	Earthen L	Levee GPS Latitude/Long				le/Longitude
Category				Start		End
Item	Erosion /	Bank Caving		39.1562	25°	39.156639°
пеш				-121.7329	30°	-121.732755 °
DWR ID	DWR_ST0	010_01_s _ 201	2_3			

Comment Code

E1: Note and monitor erosion site.

Inspector Comment

Monitor the erosion along the waterside toe.

Photo 1 of 1 : FA_2018_ST0010_42_3_20180905_00001.jpg

No Photos



View of the erosion along the waterside toe.

LM Start	3.65	Rating **	A/W	Issue No.	ssue No. 4	
LM End	3.65	Issue Type +	Ма	Location *	WS	
Category	Earthen L	evee		GPS Lat	itud	e/Longitude
Calegory				Start		End
Item	Erosion /	Bank Caving		39.15786	1°	39.157861 °
пеш			-121.73223	8 °	-121.732238 °	
DWR ID	DWR ID DWR_ST0010_01_s _ 2012_4					

Comment Code

E1: Note and monitor erosion site.

Inspector Comment

Monitor the erosion along the waterside toe.

Photo 1 of 2 : FA_2018_ST0010_42_4_20180905_00002.jpg



View of the erosion along the waterside toe of the levee.

* Location
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating
A: Acceptable
N: Not Inspected/Rated
M: Minimally Acceptable
C: Corrected
D: Unacceptable
AW: Acceptable
AW: Acceptable but Monitor & Maintain

** Rating
A: Issue Type
Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal	Left	4.63	11/06/2018 11/06/2018	Bob Duffey

LM Start	3.65	Rating **	A/W	Issue No.		4 (cont)	
LM End	3.65	Issue Type +	Ма	Location *	WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Erosion / I	Bank Caving		39.1578	61 °	39.157861 °	
item				-121.732238 °		3° -121.732238°	
DWR ID	DWR_ST00	010_01_s _ 201	2_4				
		Comn	nent Cod	de			
E1 : Note a	and monito	r erosion site					
		Inspecto	or Comm	nent			
Monitor the erosion along the waterside toe.							

Photo 2 of 2 : FA_2018_ST0010_42_4_20180905_00003.jpg

View of the erosion along the waterside toe.

LM Start	3.84	Rating **	A/W	Issue No.		17
LM End	3.96	Issue Type +	Ma	Location *		WS
Category	evee	GPS La	atitud	e/Longitude		
Calegory	egory					End
Item	Erosion /	Bank Caving		39.160442 °		39.162235°
itein				-121.7310	67°	-121.730912°
DWR ID DWR_ST0010_01_f _ 2014_17						
Comment Code						

E1: Note and monitor erosion site.

Inspector Comment

Monitor the erosion along the waterside toe.

Photo 1 of 1 : FA_2018_ST0010_42_17_20180905_00010.jpg



View of the erosion along the waterside toe.

LM Start	4.08	Rating **	Α	Issue No.		21		
LM End	4.08	Issue Type +	Ма	Location *	LS			
Category	Category Earthen Levee				atitud	e/Longitude		
Calegory						End		
Item	Vegetation			39.163792°		39.163792°		
item	item				'33 °	° -121.729733°		
DWR ID	DWR ID DWR_ST0010_01_f _ 2018_21							
		Comn	nent Cod	de				
V1 : Contro	ol annual g	rass and wee	ds on th	e levee slo	pes a	and		
easements.								
Inspector Comment								
The vegetation was removed from both slopes.								



View of no vegetation on both slopes.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal	Left	4.63	11/06/2018 11/06/2018	Bob Duffey

ue No. cation * GPS Latitud Start	5 WS de/Longitude						
GPS Latitud	de/Longitude						
Start							
	End						
39.165845 °	39.165845°						
-121.728877 ° -121.728							
DWR ID DWR_ST0010_01_s _ 2012_5							
Comment Code							
Monitor the erosion along the waterside toe.							

LM Start	4.23	Rating **	A/W	Issue No.	5 (cont)
LM End	4.23	Issue Type +	Ma	Location *	WS



View of the erosion along the waterside toe.

Photo 2 of 2: FA_2018_ST0010_42_5_20180905_00005.jpg



View of the erosion along the waterside toe.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Wadsworth Canal	Right	4.60	11/06/2018 11/06/2018	Bob Duffey

LM Start	0.24	Rating **	M	Issue No.		17		
LM End	0.24	Issue Type +	Ма	Location *		WS		
Earthen Levee				GPS Latitude/Longitude				
Calegory	Category					End		
Item	Animal Control			39.1169	13 °	39.116913°		
item				-121.7667	68°	-121.766768°		
DWR ID	DWR ID DWR_ST0010_02_f _ 2018_17							

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Repair the rodent hole along the waterside slope.

Photo 1 of 1: FA_2018_ST0010_43_17_20181008_00035.jpg



View of the rodent hole along the waterside slope.

LM Start	1.16	Rating **	U	Issue No.		19	
LM End	1.16	Issue Type +	Ма	Location *		WS	
Earthen Levee				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	Animal Control			39.1275	27°	39.127527°	
пеш					93 °	-121.756493°	
DWR ID	DWR STO	010 02 f 2016	5 19				

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Repair the rodent holes along the waterside slope.

Photo 1 of 1: FA_2018_ST0010_43_19_20180905_00013.jpg



View of the rodent holes along the waterside slope.

	LM Start	1.71	Rating **	М	Issue No.		23	
	LM End	1.71	Issue Type +	Ma	Location *		WS	
	Category	GPS Latitude/Longitude						
	Calegory	gory			Start		End	
	Animal Control				39.1339	12°	39.133912	0
item					-121.7502	58°	-121.750258	0
	DWR ID	DWR STO	010 02 f 201	23				

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Repair the rodent holes along the waterside slope.

Photo 1 of 1: FA_2018_ST0010_43_23_20181106_00040.jpg



View of the rodent holes along the waterside slope.

Location

N/A: Not Applicable LS: Land Side

WS: Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Wadsworth Canal	Right	4.60	11/06/2018 11/06/2018	Bob Duffey

LM Start	1.74	Rating **	М	Issue No.		10	
LM End	2.37	Issue Type +	Ма	Location *		WS	
Catagony	Category Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
Item		2017 USACE Erosion Survey,			64°	39.141814°	
пеш	DRAFT			-121.74978	31 °	-121.743260°	
DWR ID	DWR_ST0	010_02_f _ 2018	3_10			·	

No Photos

Inspector Comment

Comment Code

2017 Site ID: WAC 2.1 R

Status: Eroding

2017 Field Notes: Minor new erosion observed.

Site History: 2011 - Whole bank is starting to unravel, with failure from

poor soils.

LM Start	1.75	Rating **	M	Issue No.		20	
LM End	1.75	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Category	Category			Start		End	
Item	Slope Sta	bility		39.13437	78°	39.134378°	
item			-121.74980	03 °	-121.749803 °		
DWR ID DWR_ST0010_02_f _ 2016_20							

Comment Code

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Ramp is causing depression in the levee slope.

Photo 1 of 1: FA_2018_ST0010_43_20_20180905_00014.jpg



View of the ramp encroaching into the levee.

LM Start	1.76	Rating **	М	Issue No.		11	
LM End	1.76	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Category	Category			Start		End	
Item	Animal Co	ontrol		39.13449	90°	39.134490 °	
пеш			-121.7497	16°	-121.749716 °		
DWR ID DWR_ST0010_02_f _ 2012_11							
	Comment Code						

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Repair the rodent hole.



View of the rodent holes above the irrigation pipe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Wadsworth Canal	Right	4.60	11/06/2018 11/06/2018	Bob Duffey

LM Start	1.76	Rating **	М	Issue No.		11 (cont)	
LM End	1.76	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	Animal Co	ontrol		39.13449	90°	39.134490°	
пеш						-121.749716°	
DWR ID	R ID DWR_ST0010_02_f _ 2012_11						
	Comment Code						

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Repair the rodent hole.





View of the rodent hole above the irrigation pipe.

LM Start	2.41	Rating **	М	Issue No.		8	
LM End	3.28	Issue Type +	Ma	Location *		WS	
Category				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item		CE Erosion S	Survey,	39.1422	54°	39.153150°	
пеш	DRAFT			-121.7428	47°	-121.734611 °	
DWR ID DWR_ST0010_02_f _ 2018_8						·	
Comment Code							

Inspector Comment

2017 Site ID: WAC 2.4 R

Status: Eroding

2017 Field Notes: Significant new erosion along lower bank.

Site History: 2010 - Over steepened levees, some slumping, reach-wide

problem. 2011 - Still a reach-wide problem.

LM Start	2.41	Rating **	М	Issue No.	8 (cont)
LM End	3.28	Issue Type +	Ma	Location *	WS

Photo 1 of 2: FA_2018_ST0010_43_8_20180905_00007.jpg



View of erosion along the waterside toe.

Photo 2 of 2: FA_2018_ST0010_43_8_20180905_00008.jpg



View of the erosion along the landside toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Wadsworth Canal	Right	4.60	11/06/2018 11/06/2018	Bob Duffey

LM Start	2.95	Rating **	М	Issue No.		21	
LM End	2.95	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Slope Sta	bility		39.1489	38°	39.148938 °	
item				-121.737620°		-121.737620°	
DWR ID DWR_ST0010_02_f _ 2016_21							
		Comn	nent Cod	de			
S3 : Repai access wh		slope damaç le.	ed by ve	ehicle traffic	and	I prevent	
Inspector Comment							
Ramp is causing depression in the levee slope.							



View of the ramp encroaching into the levee.

LM Start	3.24	Rating **	Α	Issue No.		18	
LM End	3.27	Issue Type +	Ma	Location *		WS	
Category	Earthen Levee				atitud	e/Longitude	
Calegory			Start		End		
Item	Erosion /	Bank Caving		39.1525	60°	39.153087°	
item				-121.7350	32 °	-121.734822°	
DWR ID	WR ID DWR_ST0010_02_f _ 2018_18						

Comment Code

E1: Note and monitor erosion site.

Inspector Comment

The erosion along the waterside channel was repaired.

Photo 1 of 1 : FA_2018_ST0010_43_18_20181106_00036.jpg



View of the repaired erosion along the waterside channel.

LM Start	3.30	Rating **	М	Issue No.		9			
LM End	4.58	Issue Type +	Ma	Location *		WS			
Category				GPS Latitude/Longitude					
Calegory				Start		End			
Item		CE Erosion S	Survey,	39.1533	20°	39.171031	0		
пеш	DRAFT			-121.7345	73 °	-121.727040	0		
DWR ID	DWR_ST00	010_02_f _ 2018			,				
Comment Code									

Inspector Comment

2017 Site ID: WAC 4.3 R

Status: Eroding

2017 Field Notes: Site extended downstream. Significant lower bank

erosion.

Site History: 2011 - Small erosion pocket.

Photo 1 of 2: FA_2018_ST0010_43_9_20180905_00009.jpg



View of the erosion along the waterside toe.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Wadsworth Canal	Right	4.60	11/06/2018 11/06/2018	Bob Duffey

LM Start	3.30	Rating **	М	Issue No.		9 (cont)	
LM End	4.58	Issue Type +	Ма	Location *		WS	
Supplemental				al GPS Latitude/Longi			
Calegory	Category					End	
Item		2017 USACE Erosion Survey,			20°	39.171031 °	
пеш	DRAFT				73°	-121.727040 °	
DWR ID	WR ID DWR_ST0010_02_f _ 2018_9						

Inspector Comment

Comment Code

2017 Site ID: WAC 4.3 R

Status: Eroding

2017 Field Notes: Site extended downstream. Significant lower bank

erosion.

Site History: 2011 - Small erosion pocket.

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	and a	1		N. Salar	Target A
				11/13/	/2014

Photo 2 of 2: FA_2018_ST0010_43_9_20180905_00010.jpg

View of the erosion along the waterside toe.

LM Start	3.42	Rating **	Α	Issue No.	ue No. 4	
LM End	3.46	Issue Type +	Ма	Location *		WS
Category Earthen Levee				GPS Latitude/Longitude		
Category				Start		End
Item	Erosion / Bank Caving			39.1550	57°	39.155590°
пеш				-121.7339	85 °	-121.733733°
DWR ID DWR_ST0010_02_s _ 2012_4						

Comment Code

E1: Note and monitor erosion site.

Inspector Comment

The erosion along the waterside channel was repaired by Sutter Maintenance Yard.

LM Start	3.42	Rating **	Α	Issue No.	4 (cont)
LM End	3.46	Issue Type +	Ma	Location *	WS

Photo 1 of 2: FA_2018_ST0010_43_4_20181106_00037.jpg



View of the repaired erosion along the waterside channel.

Photo 2 of 2: FA_2018_ST0010_43_4_20180905_00002.jpg



View of the erosion at the waterside toe.

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Wadsworth Canal	Right	4.60	11/06/2018 11/06/2018	Bob Duffey

LM Start	3.54	Rating **	Α	Issue No.		5	
LM End	3.76	Issue Type +	Ma	Location *	Location * WS		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Erosion / I	Bank Caving		39.1567	53°	39.159795°	
пеш				-121.7332	67°	-121.731953°	
DWR ID DWR_ST0010_02_s _ 2012_5							
		Comn	nent Cod	de			
E1 : Note a	and monito	or erosion site	•				
		Inspecto	or Comm	nent			
Inspector Comment The erosion along the waterside channel was repaired by Sutter Maintenance Yard.							

LM Start	3.54	Rating **	Α	Issue No.	5 (cont)
LM End	3.76	Issue Type +	Ma	Location *	WS



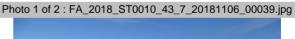
View of the repaired erosion along the waterside channel.

Photo 2 of 2: FA_2018_ST0010_43_5_20180905_00003.jpg



View of the erosion along the waterside toe.

LM Start	4.41	Rating **	Α	Issue No.		7
LM End	4.51	Issue Type +	Ма	Location *		WS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Erosion / I	Bank Caving		39.1686	52°	39.170110°
пеш				-121.7282	02°	-121.727608°
DWR ID	DWR_ST00	010_02_s _ 201	2_7			
		Comn	nent Cod	le		
E1 : Note a	and monito	or erosion site	-			
		Inspecto	or Comm	ent		
The erosio Maintenan	0	e waterside cl	nannel w	as repaired	l by	Sutter





View of the repaired erosion along the waterside channel.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Wadsworth Canal	Right	4.60	11/06/2018 11/06/2018	Bob Duffey

LM Start	4.41	Rating **	Α	Issue No.		7 (cont)	
LM End	4.51	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Erosion / I	Bank Caving		39.1686	52°	39.170110°	
пеш				-121.7282	02°	-121.727608°	
DWR ID DWR_ST0010_02_s _ 2012_7							
		Comn	nent Cod	de			
E1 : Note a	and monito	r erosion site					
		Inspecto	or Comm	nent			
The erosion along the waterside channel was repaired by Sutter							
Maintenance Yard.							

Photo 2 of 2 : FA_2018_ST0010_43_7_20180905_00005.jpg

View of the erosion along the WS toe.